IN THE CLAIMS:

Please **amend claims 1-7, 9, 10 and 12,** and **add claims 17-35** as follows:

1. (*Currently amended*) A method of performing a recovery operation of an operating system for a computer entity, said computer entity comprising:

~~at least one~~ a data processor arrangement; and

at least one data storage device, wherein said data storage device is configured into a plurality of separate partition areas, a first of said areas being an operating system back-up area partition which is not used for direct running of an operating system by said computer entity,

a second of said areas being a user setting archive partition area;

said method comprising causing the data processor arrangement to perform the steps of:

copying a back-up operating system from a back-up source onto [[an]] the operating system back-up area partition which is not used for direct running of an operating system by said computer entity;

copying [[a]] user settings data from said back-up source to [[a]] the user setting archive partition area of said data storage device; and

resetting said computer entity.

2. (*Currently amended*) The method as claimed in claim **1**, wherein another of said areas of said data storage device is a reserved space partition area, and further comprising causing the data processor arrangement to perform the step of:

prior to said step of copying said back-up operating system to said operating system back-up area partition, copying [[a]] content of said operating system ~~back-up~~ back-up area partition into [[a]] the reserved space partition area of said data storage device.

3. (*Currently amended*) ~~The~~ A method ~~as claimed in claim 1, further~~ of performing a recovery operation of an operating system for a computer entity, said computer entity comprising ~~the step of~~:

at least one data processor; and

at least one data storage device, wherein said data storage device is configured into a plurality of partition areas,

said method comprising the steps of:

copying a back-up operating system from a back-up source onto an operating system back-up area partition which is not used for direct running of an operating system by said computer entity;

copying user settings data from said back-up source to a user setting archive partition area of said data storage device;

checking a version of said back-up operating system stored on a back-up data storage media; and

comparing said operating system version, with a hardware of said computer entity; and

resetting said computer entity.

4. (*Currently amended*) The method as claimed in claim **1**, wherein a further one of said areas of said data storage device is a primary operating system partition area, and further comprising causing the data processor arrangement to perform the step of:

copying said back-up operating system from said operating system back-up partition area to [[a]] the primary operating system partition area of said data storage device, wherein said step of resetting said computer entity comprises (a) rebooting from said back-up copy operating system copied to said primary operating system partition, and (b) copying said user settings data copied from said user settings archive partition.

5. (*Currently amended*) The method as claimed in claim **1**, wherein additional ones of said areas of said data storage device are one or more secondary data partitions and a

secondary data partition area that is a data partition area for storage of data, and further comprising the step of:

copying user data from said back-up source to one or more data partitions of said data storage device, [[a]] storing data in the secondary data partition area being a data partition area for storage of data.

6. (*Currently amended*) The method as claimed in claim **1**, wherein an added one of said areas of said data storage device is an emergency operating system partition area and said step of resetting said computer entity comprises causing the data processor arrangement to perform the steps of:

forcing said computer entity to boot from an emergency operating system stored on [[an]] the emergency operating system partition area of said data storage device;

overwriting [[a]] content of said primary operating system partition with said back-up operating system stored in said operating system back-up area partition; and

restoring client and application configuration settings from said user settings archive partition area.

7. (*Currently amended*) The method as claimed in claim **3**, wherein said step of checking a version of said back-up operating system with [[a]] hardware of said computer entity comprises:

reading a list of supported hardware types from said operating system stored on said back-up media;

comparing said read list of supported hardware types with [[a]] current ~~hardware type~~ hardware-type data stored on said computer entity; and

if said current ~~hardware type~~ hardware-type data stored on said computer entity is incompatible with said read list of supported hardware types, generating an error message.

8. (*Original*) The method as claimed in claim **1**, wherein said step of resetting said computer entity comprises:

resetting said computer entity, including deleting application and user configuration setting data; and

restoring said user configuration setting data from said user settings archive partition area.

9. (*Currently amended*) The method as claimed in claim **1**, further comprising causing the data processor arrangement to perform the step of:

~~if an error occurs in said recovery operation,~~ storing [[an]] event data describing at least one event of said ~~restore~~ recovery operation if an error occurs in said recovery operation.

10. (*Currently amended*) The method as claimed in claim **1**, wherein a further one of said areas of said data storage device is a primary operating system partition area reserved for use by said primary operating system and an additional one of said areas of said data storage device is a reserved space partition, and further comprising causing the data processor arrangement to perform the step of:

if an error occurs in said recovery operation, restoring a primary operating system to [[a]] the primary operating system partition area of said data storage device reserved for use by said primary operating system, the primary operating system being restored from a copy of said primary operating system temporarily stored in [[a]] the reserved space partition of said data storage device.

11. (*Original*) The method as claimed in claim **10**, wherein said step of resetting said computer entity comprises deleting user settings data.

12. (*Currently amended*) The method as claimed in claim **1**, further comprising causing the data processor arrangement to perform the steps of:

restoring said operating system back-up area partition of said data storage device;

~~restoring said user settings archive partition area of
said data storage device;~~ and

restoring at least one user data partition area.

13. (*Currently amended*) A method of storing a back-up
operating system of a computer entity to a back-up media, said
computer entity comprising a pristine copy of an operating
system stored in an operating system back-up area data
partition of a data storage device, and a primary operating
system stored in a primary operating system partition area of
said data storage device**[[;]]**_,_ said method comprising:

copying a plurality of operating system files in a
pristine manufactured state from said operating system ~~back up~~
<u>back-up</u> area data partition onto a back-up media; and

copying a set of configuration settings from a user
settings archive partition area of said data storage device to
said back-up media.

14. (*Original*) The back-up method as claimed in claim **13,**
further comprising the step of:

copying user data from a data partition of said data
storage device to said back-up media.

15. (*Previously presented*) The back-up method as claimed
in claim **13,** further comprising the step of:

copying user data from a secondary data partition of said data storage device onto said back-up media.

16. (*Original*) The back-up method as claimed in claim **13,** further comprising the step of:

copying data uniquely identifying said computer entity to said back-up media.

17. (*New*) A computer product storing a program for causing the computer entity of claim **1** to perform the steps of claim **1,** wherein the computer entity is a headless computer.

18. (*New*) A computer product storing a program for causing the computer entity of claim **3** to perform the steps of claim **3,** wherein the computer entity is a headless computer.

19. (*New*) A computer product storing a program for causing the computer entity of claim **13** to perform the steps of claim **13,** wherein the computer entity is a headless computer.

20. (*New*) A headless computer entity comprising

a data processor arrangement; and

at least one data storage device, wherein said data storage device is configured into a plurality of separate partition areas, a first of said areas having an operating

system back-up area partition which is not used for direct running of an operating system by said computer entity,

a second of said areas being a user setting archive partition area;

the data processor arrangement being arranged for performing a recovery operation of an operating system for the computer entity by:

(a) copying a back-up operating system from a back-up source onto the operating system back-up area partition which is not used for direct running of an operating system by said computer entity;

(b) copying user settings data from said back-up source to the user setting archive partition area of said data storage device; and

(c) resetting said computer entity.

21. (*New*) The headless computer entity of claim **20** wherein another of said areas of said data storage device is a reserved space partition area, and the data processor arrangement is arranged for:

copying content of said operating system back-up area partition into the reserved space partition area of said data storage device prior to copying said back-up operating system to said operating system back-up area partition.

22. (*New*) The headless computer entity of claim **20** wherein the data processor arrangement is arranged for:

checking a version of said back-up operating system stored on a back-up data storage medium; and

comparing said operating system version with hardware of said computer entity.

23. (*New*) The headless computer product of claim **20,** wherein a further one of said areas of said data storage device is a primary operating system partition area and the data processor arrangement is arranged for:

copying said back-up operating system to said operating system back-up area partition area, copying content of said operating system back-up area partition into the reserved space partition area of said data storage device;

copying said back-up operating system from said operating system back-up partition area to the primary operating system partition area of said data storage device, wherein said resetting of said computer entity comprises (a) rebooting from said back-up copy operating system copied to said primary operating system partition, and (b) copying said user settings data from said user settings archive partition.

24. (*New*) The headless computer entity of claim **20** wherein additional ones of said areas of said data storage device are

(a) one or more secondary data partitions and (b) a secondary data partition area that is a data partition area for storage of data; and wherein the data processor arrangement is arranged for (a) copying user data from said back-up source to one or more data partitions of said data storage device, and (b) storing user data in the secondary data partition area.

25. (*New*) The headless computer entity of claim **20**, wherein an added one of said areas of said data storage device is an emergency operating system partition area and said data processor arrangement is arranged for resetting said computer entity by:

forcing said headless computer entity to boot from an emergency operating system stored in the emergency operating system partition area of said data storage device;

overwriting content of said primary operating system partition with said back-up operating system stored in said operating system back-up area partition; and

restoring client and application configuration settings from said user settings archive partition area.

26. (*New*) The headless computer entity of claim **20**, wherein said processor is arranged for checking a version of said back-up operating system with hardware of said computer entity by:

reading a list of supported hardware types from said operating system stored on said back-up media;

comparing said read list of supported hardware types with current hardware-type data stored on said computer entity; and

generating an error message if said current hardware-type data stored on said computer entity is incompatible with said read list of supported hardware types.

27. (*New*) The headless computer entity of claim **20,** wherein said processor arrangement is arranged for resetting said computer entity by:

deleting application and user configuration setting data; and

restoring said user configuration setting data from said user settings archive partition area.

28. (*New*) The headless computer entity of claim **20,** wherein the data processor arrangement is arranged for:

storing event data describing at least one event of said recovery operation if an error occurs in said recovery operation.

29. (*New*) The headless computer entity of claim **20,** wherein a further one of said areas of said data storage device is a primary operating system partition area reserved for use by said primary operating system and an additional one of said areas of said data storage device is a reserved space partition, the data processor arrangement being arranged for restoring a primary operating system to the primary operating system partition area of said data storage device reserved for use by said primary operating system if an error occurs in said recovery operation, the data processor arrangement being arranged for restoring the primary operating system to the primary operating system partition area from a copy of said primary operating system temporarily stored in the reserved space partition of said data storage device.

30. *(New)* The headless computer entity of claim **20,** wherein the processor arrangement is arranged for resetting said headless computer by deleting user settings data.

31. *(New)* The headless computer entity of claim **20,** wherein the processor arrangement is arranged for restoring: (a) said operating system back-up area partition of said data storage device and (b) at least one user data partition area.

32. *(New)* A headless computer entity comprising a processor arrangement and a data storage device having plural separate partition areas including a primary operating system area, an operating system back-up area storing a pristine copy of an operating system for the headless computer entity and a user settings archive partition area, the processor arrangement being arranged for copying a plurality of operating system files in a pristine manufactured state from said operating system back-up area data partition onto a back-up media; and

copying a set of configuration settings from a user settings archive partition area of said data storage device to said back-up media.

33. *(New)* The headless computer entity of claim **32** wherein one of the areas is a data partition area, the processor arrangement being arranged for copying user data from the data partition area of said data storage device to said back-up media.

34. (*New*) The headless computer entity of claim **32** wherein one of the areas is a secondary data partition area, the processor arrangement being arranged for copying user data from the secondary data partition of said data storage device onto said back-up media.

35. (*New*) The headless computer entity of claim **32** wherein the processor arrangement being arranged for copying data uniquely identifying said computer entity to said back-up media.